1. With the RPP computer running, power on the PDU unit by switching both PS 1 and PS 2 power switches to the "**On**" position.
2. Confirm that both the far left LED's are green, refer to figure 1.

**Note:**
PDU unit will take approximately 30 seconds to establish link with RPP computer. After that time the LED indicators will turn from red to green.

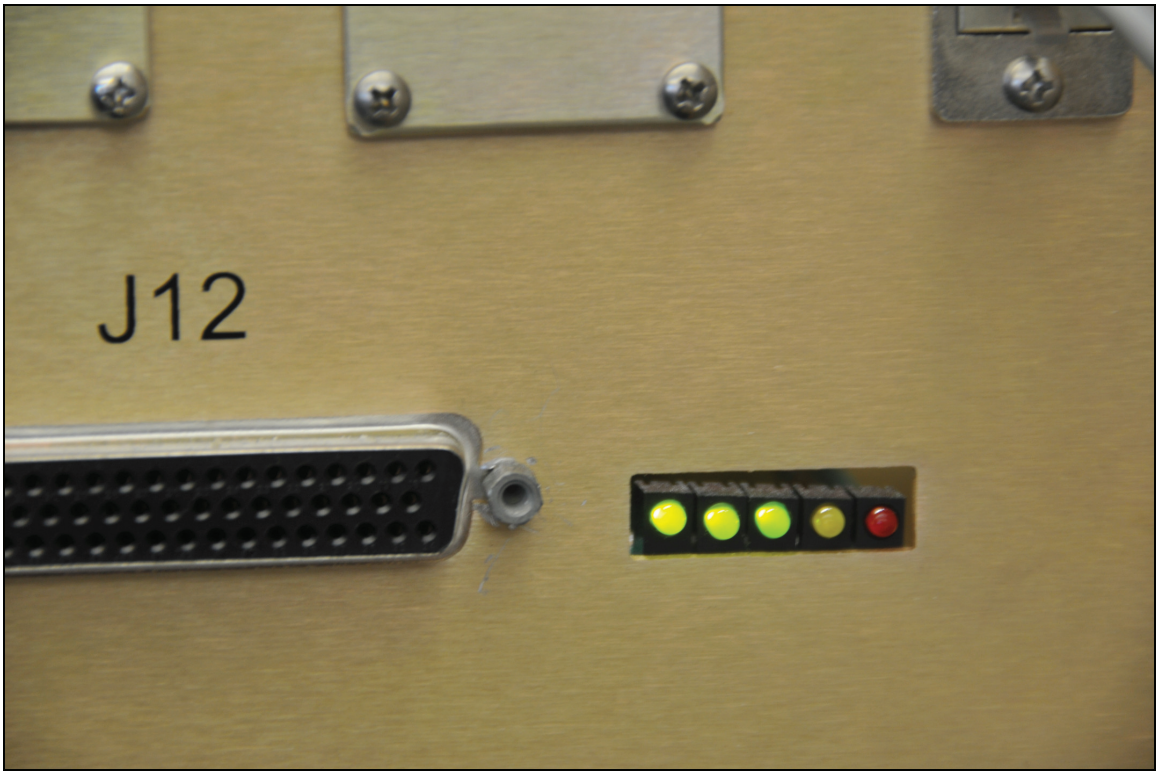



**Figure 1 - PS 1 and PS 2 LED OK**

3. At the RPP computer, navigate to the PDU B status screen, using Firefox, refer to figure 2.

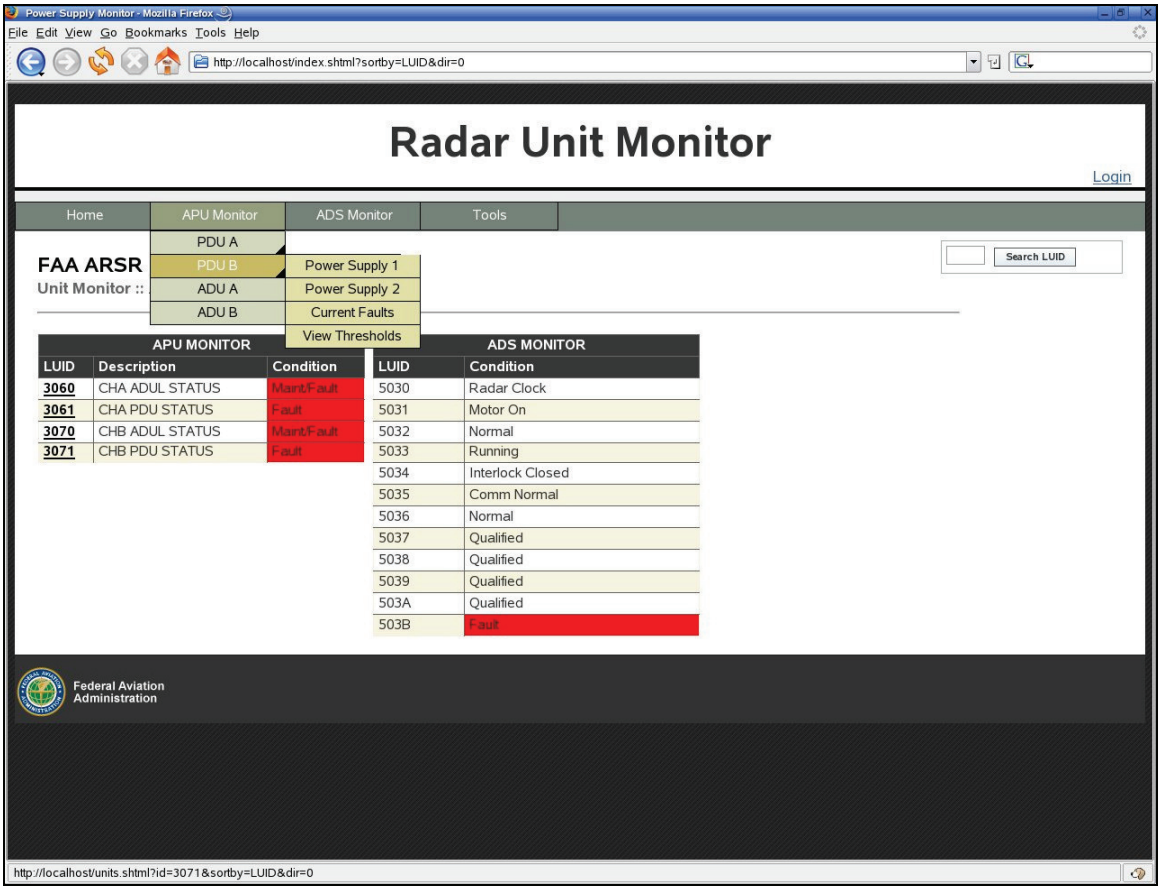



**Figure 2 – Radar Unit Monitor, Navigation to PDU B Status**

4. Confirm that both LUID 4406 and 4407 conditions read "**Normal**".

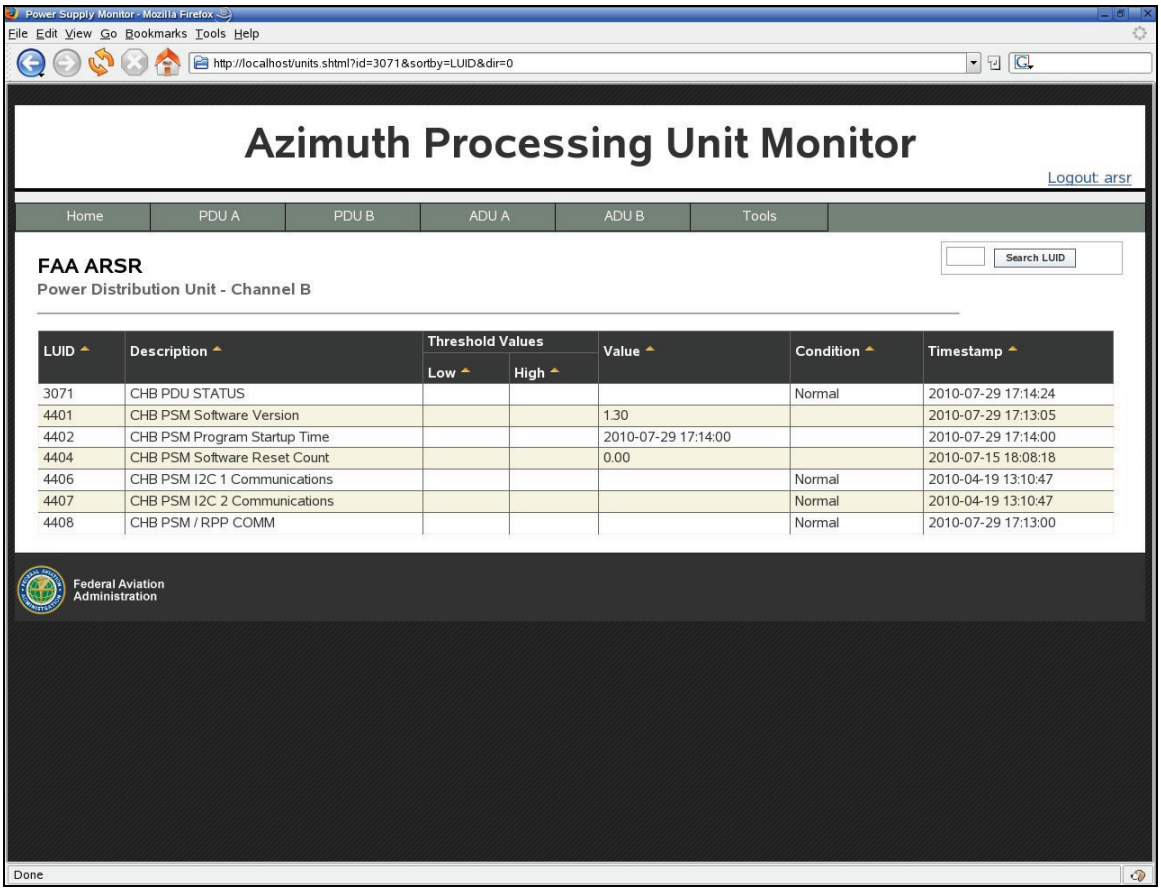



**Figure 3 – PDU B Status with Normal Conditions**

5. Switch PS 1 to the "**OFF**" position. Confirm that PS 1's LED changed to red. Refer to figure 4.


**Figure 4 – PS 1 LED Indicator Change to Red.**

6. Refresh the PDU B status screen and confirm that LUID 4406 condition reads "**Fault**", refer to figure 5.

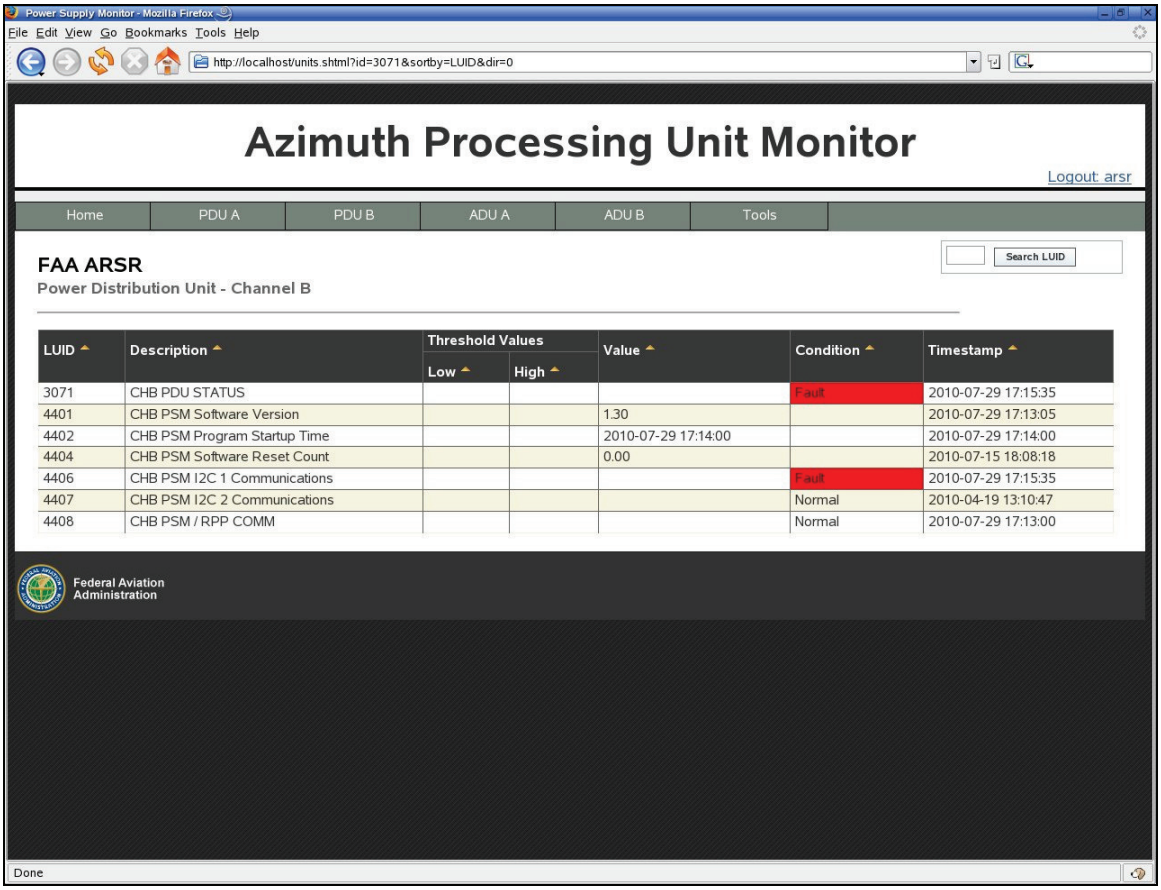



**Figure 5 – PDU B Status with 4406 Condition "Fault"**

7. Switch PS 1 into the "**ON**" position and switch PS 2 to the "**OFF**" position, confirm PS 2's LED indicator changes to red and PS 1's LED changes to green, refer to figure 6.

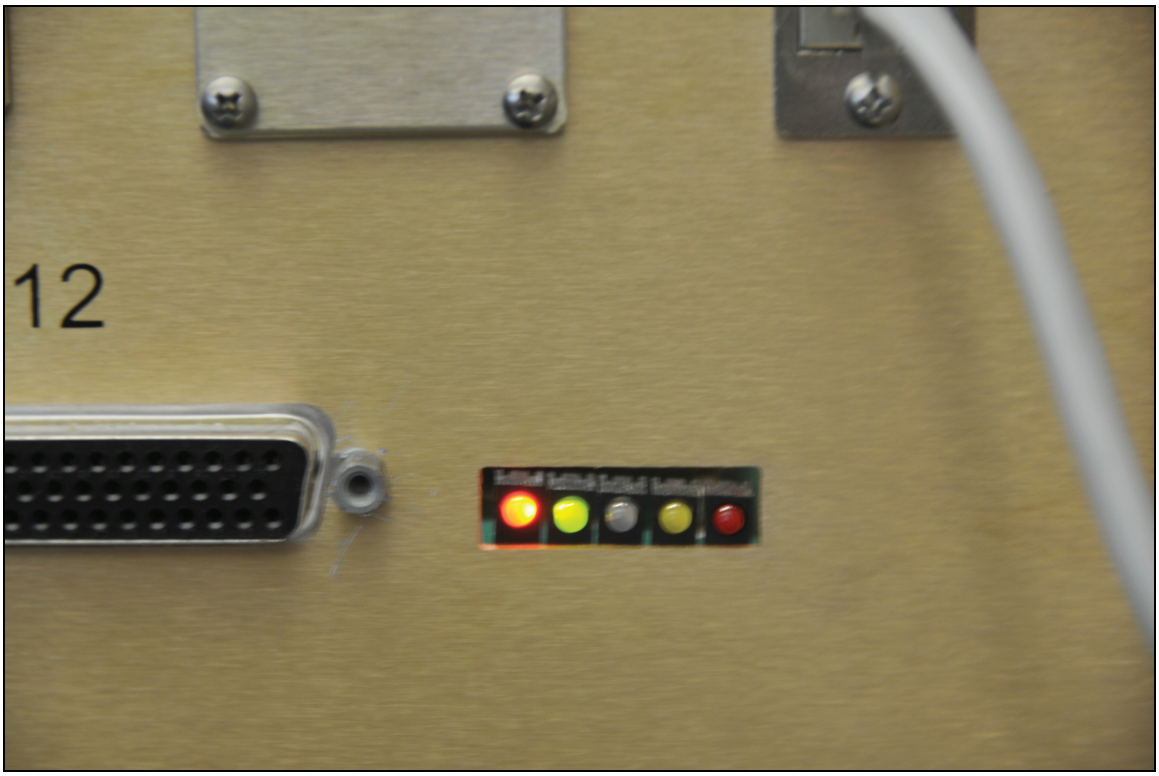
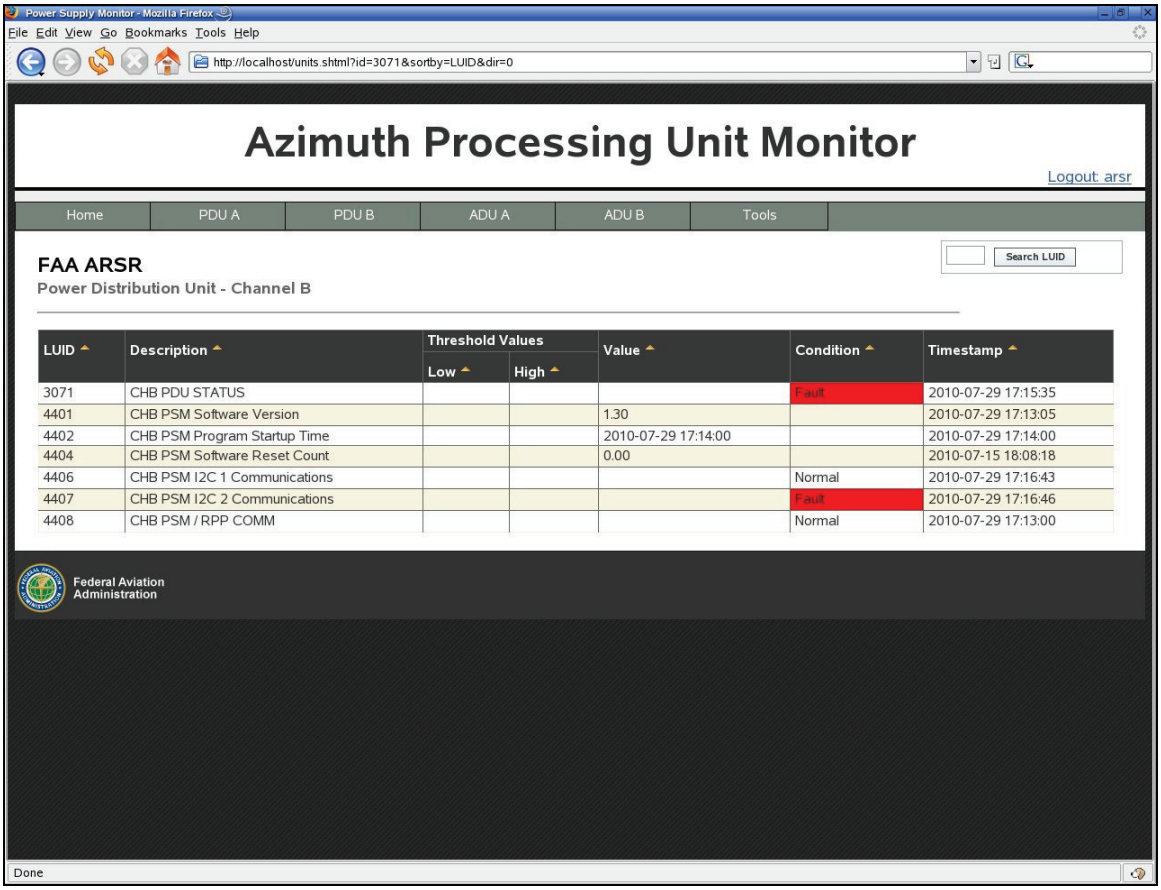



**Figure 4 – PS 2 LED Indicator Change to Red.**

8. Refresh the PDU B status screen and confirm that LUID 4407's condition reads "**Fault**", and LUID 4406's condition reads "Normal", refer to figure 5.




| LUID | Description | Threshold Values | | Value | Condition | Timestamp |
|---|---|---|---|---|---|---|
| | | Low | High | | | |
| 3071 | CHB PDU STATUS | | | | Fault | 2010-07-29 17:15:35 |
| 4401 | CHB PSM Software Version | | | 1.30 | | 2010-07-29 17:13:05 |
| 4402 | CHB PSM Program Startup Time | | | 2010-07-29 17:14:00 | | 2010-07-29 17:14:00 |
| 4404 | CHB PSM Software Reset Count | | | 0.00 | | 2010-07-15 18:08:18 |
| 4406 | CHB PSM I2C 1 Communications | | | | Normal | 2010-07-29 17:16:43 |
| 4407 | CHB PSM I2C 2 Communications | | | | Fault | 2010-07-29 17:16:46 |
| 4408 | CHB PSM / RPP COMM | | | | Normal | 2010-07-29 17:13:00 |

**Figure 5 – PDU B Status with 4407 Condition "Fault"**

9. Switch PS 2 into the "**ON**" position; confirm both LED indicators are green and LUID 4406 and 4407 conditions read "Normal".